

The basic data of the subject	
Academic unit:	Faculty of Architecture, Design and Wood Technology
Program:	Green Architecture and Interior Design
The title of the subject:	Ecological Design
Level:	Master
The status of the subject:	Mandatory
Year of study:	I
Number of hours per week:	3
ECTS:	5
Professor	Prof.Dr. Agron Bajraktari
Contact	agron.bajraktari@ushaf.net
Description of the subject:	
	This course is about educational lectures on the principles of eco-friendly and sustainable interior design; including environmental objectives, things and measures at the local, regional and global environmental levels in both residential and commercial design.
Purpose of the subject:	
	The aim of the course is to study the principles of sustainable and ecological interior design. During the review of the composition of materials and their environmental polluting values that accompany wood-based products, a sustainable design is prepared as a project, in which case the student gains the knowledge and skills provided by the course. Also through this course the student will be introduced to the news of leadership in Energy and Environmental Design-LEED, with the possibilities of using biophilic material, to achieve consistency in the general concept.
Expected learning outcome:	
	Upon completion of this subject, students will be able to: <ul style="list-style-type: none"> • History of eco-design; • Principles in sustainable design; • Leadership in Energy and Environmental Design (LEED); • Green construction process and terminology;

	<ul style="list-style-type: none"> • Certified and environmentally acceptable products; • Best practices in sustainable residential and commercial interior design 		
Contribution to the student's workload (which should correspond to the student's learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	3	14	42
Theoretical/laboratory exercises	2	10	20
Practical work	5	2	10
Contacts with the professor/consultations	2	1	2
Other exercises	2	2	4
Test/ seminars	4	1	4
Homework	2	1	2
Student study time (in library or at home)	3	4	12
Final preparation for examination	8	3	24
Time spent on assessment (tests, quiz, final exam)	2	1	2
Projects, presentations	3	1	3
Total			125
Teaching methodology:	Lectures and exercises combined with case studies and class discussions		
Methods of assessment:	40% Seminar 60% Final exam		
Literature			
Basic literature:	<ol style="list-style-type: none"> 1. Susan M. Winchip, Sustainable Design for Interior Environments; 2. Sim Van Der Ryn, Ecological Design; 3. LEED v4 for Interior Design and Construction 		
Additional literature:	1. Lydia Kallipoliti, History of Ecological Design		
Described Learning Plan:			
Weeks	Lecture to be taught		
Week 1:	Introduction		

Week 2:	History of ecological design
Week 3:	Principles of ecological design
Week 4:	Human health in the living environment
Week 5:	Recognition and use of renewable resources and their relationship with ecological design
Week 6:	The impact of the use of ecological materials in the interior
Week 7:	Sustainable design for interior environments
Week 8:	The importance of efficiency in thermal energy and water
Week 9:	Discounting of future values from current ones
Week 10:	Use of ecologically based materials for interior design
Week 11:	Project presentations
Week 12:	Project presentations
Week 13:	Project presentations
Week 14:	Project presentations
Week 15:	Project presentations

Academic Policies and Rules of Conduct:

Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.